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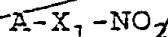
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Amended by Article 34

$a$   $\beta^i$   $1$   
 $a$   
 $a^-$

~~Use of the following groups of compounds, or their com-~~  
~~positions, for the preparation of medicaments for the~~  
~~A method for treatment of urinary incontinence, having the general~~  
~~formula:~~ *by administering by administering compounds*



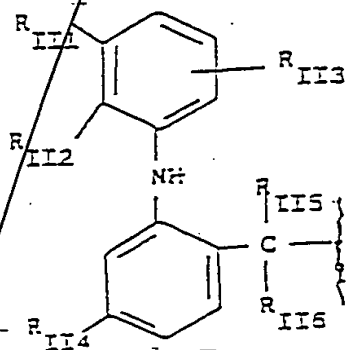
or their salts, where:

$A = R(COX)_t$  - where  $t$  is an integer 0 or 1;

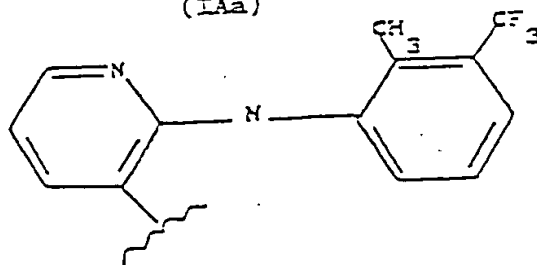
X = O, NH, NR<sub>1C</sub> where R<sub>1C</sub> is a linear or branched alkyl having from 1 to 10 C atoms;

R is chosen from the following groups:

\* Group I A), where  $t = 1$ ,



(Ia2)



(Tab)

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where:

$R_{III5}$  is H, a linear or whenever possible branched  $C_1-C_3$  alkyl;

$R_{III6}$  has the same meanings as  $R_{III5}$ , or when  $R_{III5}$  is H it can be benzyl;

$R_{III1}$ ,  $R_{III2}$  and  $R_{III3}$  are equal or different one from the other and are hydrogen, linear or whenever possible branched  $C_1-C_6$  alkyl or  $C_1-C_6$  alkoxy, or Cl, F, Br;

$R_{III4}$  is  $R_{III1}$  or bromine;

preferred are the compounds where  $R_{III1}$ ,  $R_{III2}$  and  $R_{III4}$  are H, and  $R_{III3}$  is Cl and  $R_{III3}$  is in the ortho position to NH;  $R_{III5}$  and  $R_{III6}$  are H, X is equal to O, and

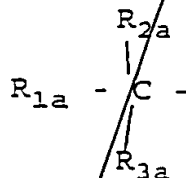
$X_1$  is  $(CH_2-CH_2-O)_2$ ;

(I Ab) is the residue of 2-[[2-methyl-3-(trifluoromethyl)phenyl]amino]-3-pyridinecarboxylic acid and when -COOH is present it is known as flunixin.

The compounds preferred are those where  $X = O$ ;

\* II A) chosen from the following:

where, when  $t = 1$ , R is

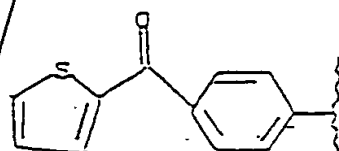


where  $R_{2a}$  and  $R_{3a}$  are H, a linear or whenever possible

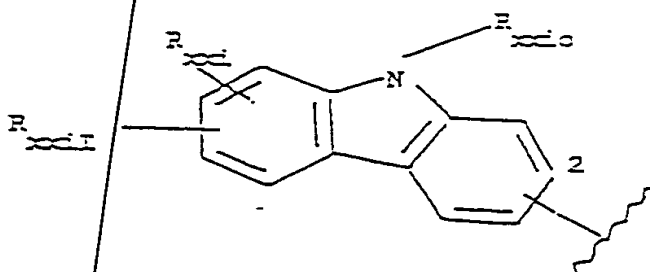
branched substituted or non-substituted  $C_1$ - $C_{12}$  alkyl,  
 allyl, with the proviso that when one of the two is  
 allyl the other is H; preferably  $R_{2a}$  is H, alkyl has  
 from 1 to 4 C atoms,  $R_{3a}$  is H;

$R_{1a}$  is chosen from

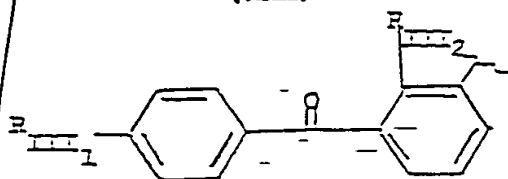
II Aa)



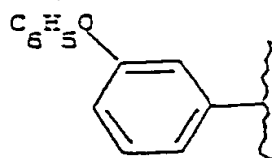
(II)



(XII)

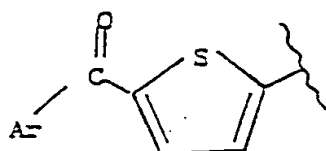


(IV)

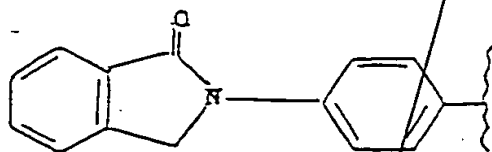


(VII)

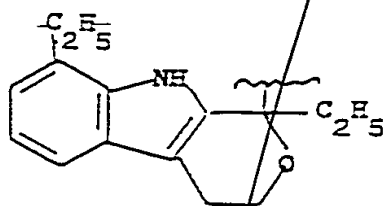
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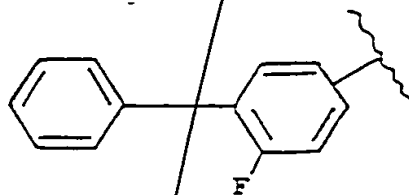
(XXXV)



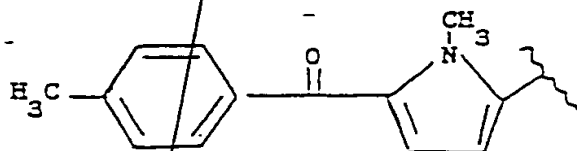
(VI)



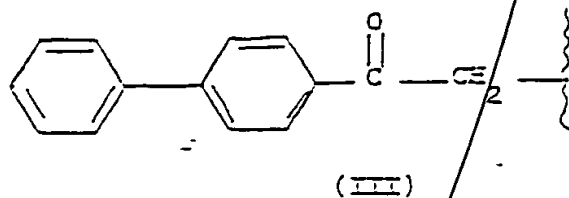
(VIII)



(IX)



(X)



where meanings are as follows:

- in the compounds of formula (IV), residue of ketoprofen:

$R_{III1}$  is H,  $SR_{III3}$  where  $R_{III3}$  contains from 1 to 4 C linear or whenever possible branched C atoms;

$R_{III2}$  is H, hydroxy;

preferred are the compounds where  $R_{III1}$  and  $R_{III2}$  are H,  $R_{3a}$  is H, and  $R_{2a}$  is methyl,  $X = O$ ;

- in the compounds of formula (XXI), residue of carprofen:

$R_{XX10}$  is H, a linear or whenever possible branched alkyl having from 1 to 6 carbon atoms, a  $C_1$ - $C_6$  alkoxy-carbonyl bound to a  $C_1$ - $C_6$  alkyl, a  $C_1$ - $C_6$  carboxyalkyl, a  $C_1$ - $C_6$  alkanoyl, optionally substituted with halogen, benzyl or halobenzyl, benzoyl or halobenzoyl;

$R_{XX11}$  is H, halogen, hydroxy, CN, a  $C_1$ - $C_6$  alkyl optionally containing OH groups, a  $C_1$ - $C_6$  alkoxy, acetyl, benzoyloxy,  $SR_{XX12}$  where  $R_{XX12}$  is a  $C_1$ - $C_6$  alkyl; a perfluoroalkyl having from 1-3 C atoms, a  $C_1$ - $C_6$  carboxyalkyl optio-

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cont

nally containing OH groups, NO<sub>2</sub>, sulphamoyl, dialkyl sulphamoyl with the alkyl having from 1 to 6 C atoms, or difluoroalkylsulphonyl with the alkyl having from 1 to 3 C atoms;

R<sub>xxii</sub> is halogen, CN, a C<sub>1</sub>-C<sub>6</sub> alkyl containing one or more OH groups, a C<sub>1</sub>-C<sub>6</sub> alkoxy, acetyl, acetamido, benz-yloxy,

SR<sub>III3</sub> is as above defined, a perfluoroalkyl having from 1 to 3 C atoms, hydroxy, a carboxyalkyl having from 1 to 6 C atoms, NO<sub>2</sub>, amino, a mono- or dialkylamino having from 1 to 6 C atoms, sulphamoyl, a dialkyl sulphamoyl having from 1 to 6 C atoms, or difluoroalkylsulphamoyl as above defined; or R<sub>xxi</sub> jointly with R<sub>xxii</sub> is an alkylene dioxy having from 1 to 6 C atoms;

preferred are the compounds where R<sub>xxio</sub> is H, the connecting bridge is at position 2, R<sub>xxi</sub> is H, R<sub>xxii</sub> is chlorine and is in the para position to nitrogen;

R<sub>3a</sub> is H, R<sub>2a</sub> is methyl and X is O;

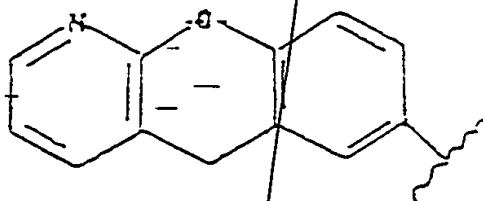
- in the compounds of formula (XXXV), residue of thia-profenic acid: Ar is phenyl, hydroxyphenyl optionally mono- or polysubstituted with halogen, an alkanoyl or alkoxy having from 1 to 6 C atoms, a trialkyl having from 1-6 C atoms, preferably from 1-3 C atoms, cyclo-

- Sol. D. cont*
- pentyl o-hexyl o-heptyl, heterocaryl, preferably thienyl, furyl optionally containing OH, pyridyl;
- the preferred compounds of formula (XXXV) are those where Ar is phenyl,  $R_{3a}$  is H,  $R_{2a}$  is methyl and X is O;
- in the compounds of formula (II), residue of suprofen, the preferred, where  $R_{3a} = H$ ,  $R_{2a} = CH_3$  and  $X = O$ ;
  - in the compounds of formula (VI), of which the preferred, indoprofen, when  $R_{2a}$  is  $\overline{CH_3}$  or indobufen, when  $R_{2a}$  is equal to H and  $R_{3a} = CH_3$  and  $X = O$ ;
  - in the compounds of formula (VIII), of which the preferred, etodolac, when  $R_{3a} = R_{2a} = H$  and  $X = O$ ;
  - in the compounds of formula (VII), of which the preferred, fenoprofen, when  $R_{3a} = H$ ,  $R_{2a} = CH_3$  and  $X = O$ ;
  - in the compounds of formula (III), of which the preferred, fenbufen, when  $R_{3a} = R_{2a} = H$  and  $X = O$ ;
  - in the compounds of formula (X), residue of tolmetin, when  $R_{3a} = R_{2a} = H$  and  $X = O$ ;
  - in the compounds of formula (IX), residue of flurbi-

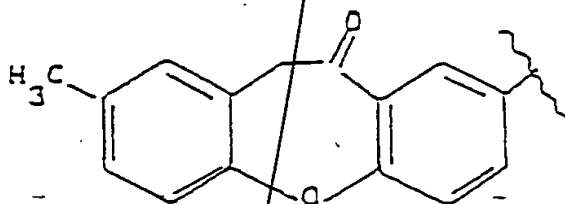


profen, when  $R_{3a} = H$ ,  $R_{2a} = CH_3$  and  $X = O$ ;

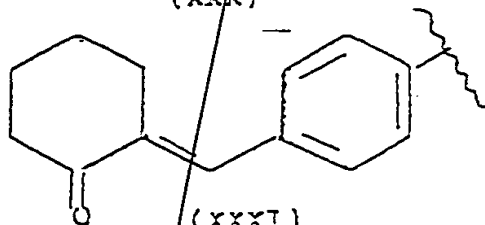
II Ab):



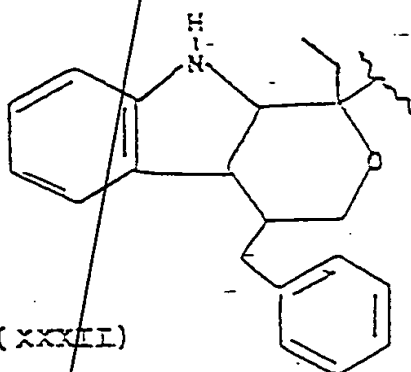
IIIa)



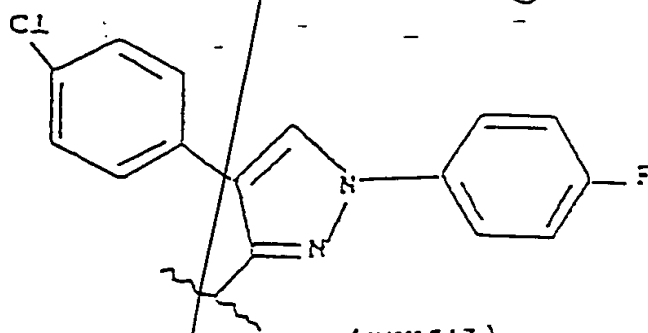
(XXX)



(XXXI)

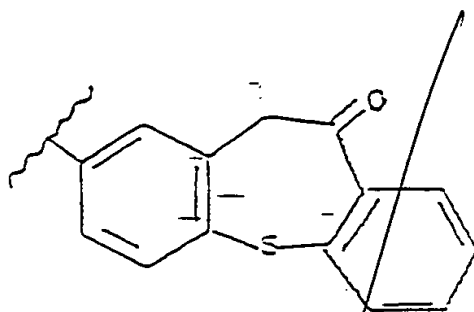


(XXXII)

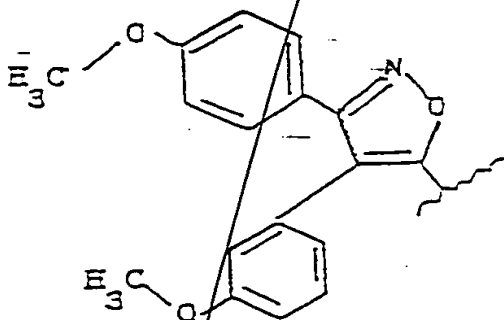


(XXXIII)

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(XXXVI)



(XXXVII)

where the meanings are as follows:

- when IIIa) contains  $-\text{CH}(\text{CH}_3)-\text{COOH}$  it is known as pranoprofen:  $\alpha$ -methyl-5H-[1] benzopyran [2,3-b]pyridine-7-acetic acid; preferred  $\text{R}_{2a} = \text{H}$ ,  $\text{R}_{3a} = \text{CH}_3$  and  $\text{X} = \text{O}$ ;
- when residue (XXX) contains  $-\text{CH}(\text{CH}_3)-\text{COOH}$  it is known as bermoprofen: dibenz [b,f] oxepin-2-acetic acid, preferred is  $\text{X} = \text{O}$ ,  $\text{R}_{2a} = \text{H}$ ,  $\text{R}_{3a} = \text{CH}_3$ ;

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cont

- residue (XXXI) is known as CS-670: 2-[4-(2-oxo-1-cyclohexylidenemethyl)phenyl]propionic acid, when the radical is  $-\text{CH}(\text{CH}_3)-\text{COOH}$ ; preferred  $\text{R}_{2a} = \text{H}$ ,  $\text{R}_{3a} = \text{CH}_3$  and  $\text{X} = \text{O}$ ;

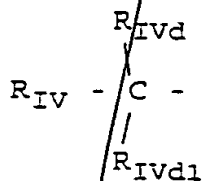
- residue (XXXII) derives from the known pemedolac which contains group  $-\text{CH}_2\text{COOH}$ , preferred  $\text{R}_{2a} = \text{R}_{3a} = \text{H}$  and  $\text{X} = \text{O}$ ;

- when residue (XXXIII) is saturated with  $-\text{CH}_2\text{COOH}$  it is known as pyrazolac: 4-(4-chlorophenyl)-1-(4-fluorophenyl)3-pyrazolyl acid derivatives; preferred  $\text{R}_{2a} = \text{R}_{3a} = \text{H}$  and  $\text{X} = \text{O}$ ;

- when residue (XXXVI) is saturated with  $-\text{CH}(\text{CH}_3)-\text{COO}-$  it is known as zalcoprofen. When the residue is saturated with a hydroxy or amine group or the acid salts, the compounds are known as dibenzothiepin-derivatives. Preferred  $\text{R}_{2a} = \text{H}$ ,  $\text{R}_{3a} = \text{CH}_3$  and  $\text{X} = \text{O}$ ;

- when residue (XXXVII) is  $\text{CH}_2-\text{COOH}$  it derives from the known mofezolac: 3,4-di(p-methoxyphenyl)isoxazol-5-acetic acid; preferred are  $\text{R}_{2a} = \text{R}_{3a} = \text{H}$ ,  $t = 1$ ,  $\text{X} = \text{O}$ .

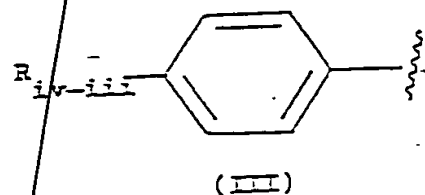
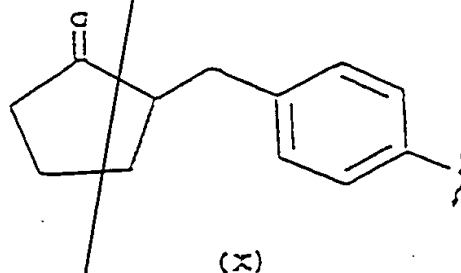
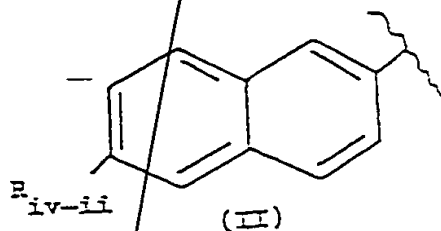
\* Group IIIA), where  $t = 1$ ,



where:

$R_{IVd}$  and  $R_{IVd1}$  are at least one H and the other a linear or whenever possible branched  $C_1$ - $C_5$  alkyl, preferably  $C_1$  and  $C_2$ , or difluoroalkyl with the alkyl having from 1 to 6 C atoms, preferred is  $C_1$ , or  $R_{IVd}$  and  $R_{IVd1}$  jointly form a methylene group;

$R_{IV}$  has the following meaning:



where the compounds of group IIIA) have the following meanings:

- in the compounds of formula (II):

*Sal  
D  
cont*

R<sub>IV-II</sub> is an alkyl having from 1 to 6 C atoms, a cycloalkyl having from 3 to 7 C atoms, an alcoxymethyl having from 1 to 7 C atoms, a trifluoroalkyl having from 1 to 3 C atoms, vinyl, ethynyl, halogen, an alkoxy having from 1 to 6 C atoms, a difluoroalkoxy with the alkyl having from 1 to 7 C atoms, an alcoxymethyloxy having from 1 to 7 C atoms, an alkylthiomethyloxy with the alkyl having from 1 to 7 C atoms, an alkylmethylthio with the alkyl having from 1 to 7 C atoms, cyano, difluoromethylthio, a substituted phenyl- or phenylalkyl with the alkyl having from 1 to 8 C atoms; preferably R<sub>IV-II</sub> is CH<sub>3</sub>O, R<sub>IVd</sub> is H and R<sub>IVd1</sub> is CH<sub>3</sub>, and is known as the residue of naproxen;

X = NH and X<sub>1</sub> is equal to (CH<sub>2</sub>)<sub>4</sub> or (CH<sub>2</sub>CH<sub>2</sub>O)<sub>2</sub>; also preferred is the same compound where X is equal to O;

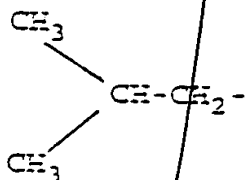
- in the preferred compounds of formula (X), for which the residue of loxoprofen has been shown, R<sub>IVd</sub> is H and R<sub>IVd1</sub> is CH<sub>3</sub>, X = NH or O and X<sub>1</sub> is equal to (CH<sub>2</sub>)<sub>4</sub> or (CH<sub>2</sub>CH<sub>2</sub>O)<sub>2</sub>;

- in the compounds of formula (III):

R<sub>IV-III</sub> is a C<sub>2</sub>-C<sub>5</sub> alkyl, even branched when possible, a C<sub>2</sub> and C<sub>3</sub> alkyloxy, allyloxy, phenoxy, phenylthio, a cycloalkyl having from 5 to 7 C atoms, optionally sub-

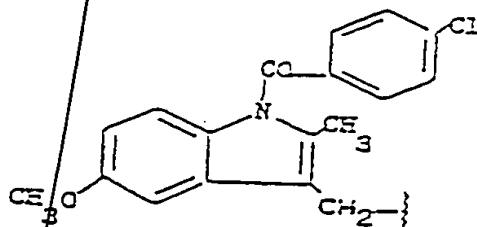
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stituted at position 1 by a C<sub>1</sub>-C<sub>2</sub> alkyl;  
 preferred is the compound where R<sub>IV-III</sub> is



and R<sub>IVd</sub> = H, R<sub>IVd1</sub> is CH<sub>3</sub>, a compound known as the residue of ibuprofen; X = NH and X<sub>1</sub> is equal to (CH<sub>2</sub>)<sub>4</sub> or -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>2</sub>; also preferred is the same compound where X = O;

\* Group IV A)



(IV)

where A = ROO, t = 1,

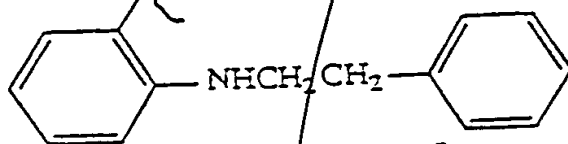
of which the residue of the known indomethacin has been shown.

\* Group V A) chosen from the following:

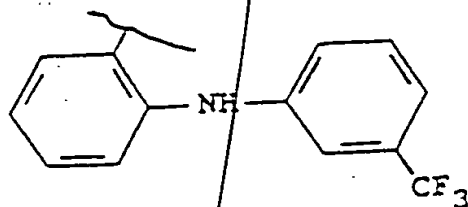
- V Aa) fenamates chosen from the following,

where t = 1

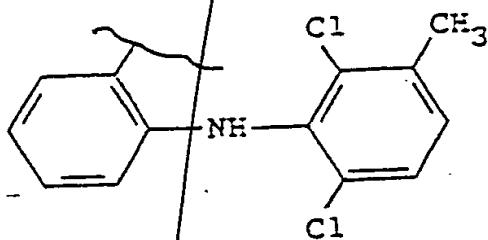
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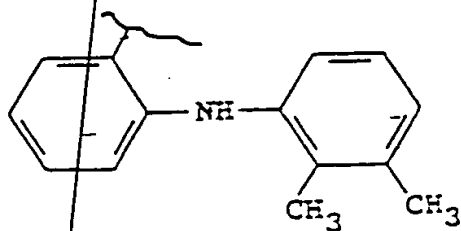
(V Aa1)



(V Aa2)

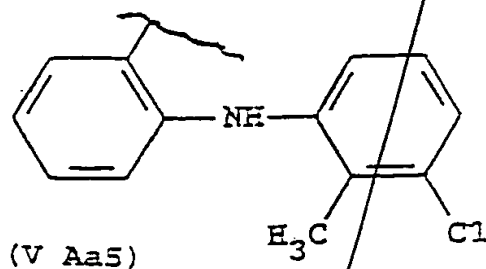


(V Aa3)

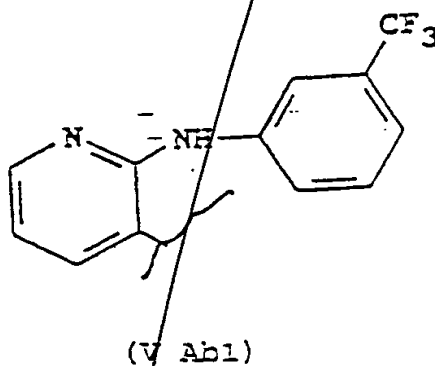


(V Aa4)

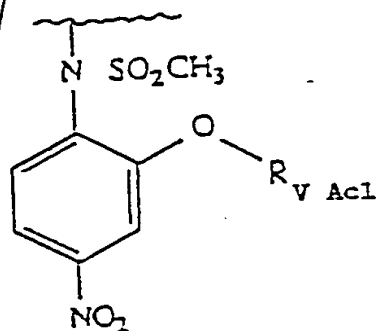
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D<sup>1</sup>  
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- V Ab), derivatives of niflumic acid, where  $t = 1$ :

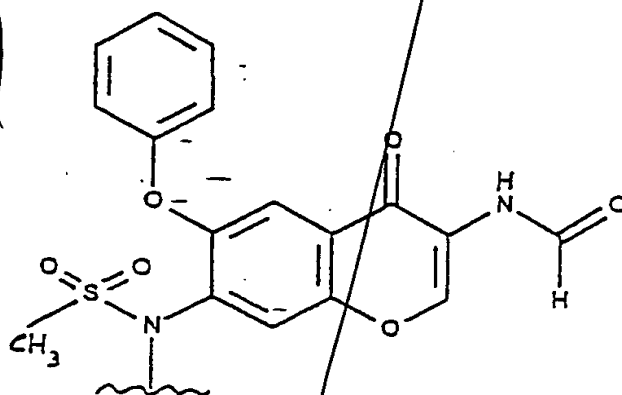


- V Ac), COX<sub>2</sub> inhibitors, where  $t = 0$  and R is as follows:

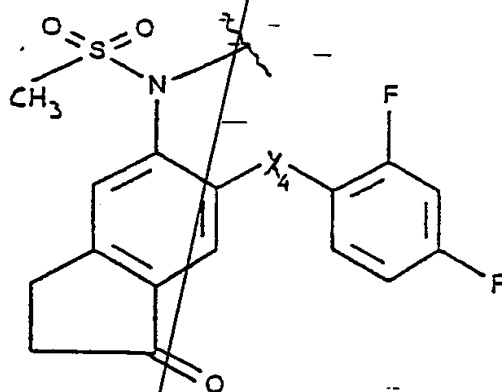




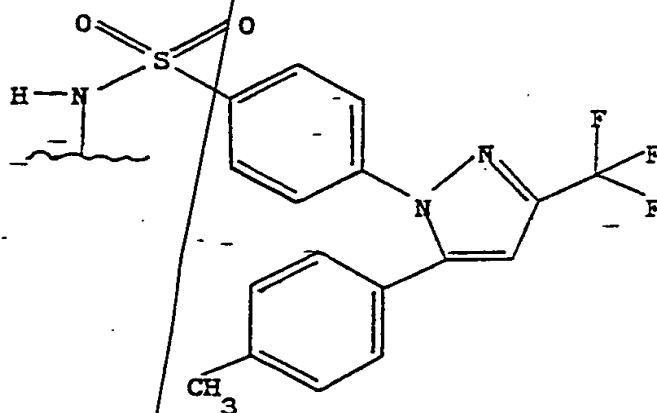
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(V Ac2)

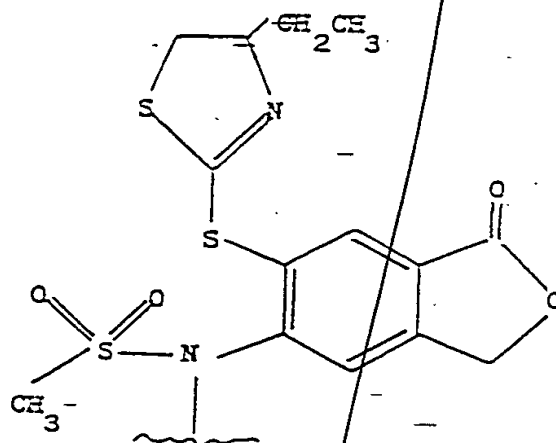


(V Ac3)



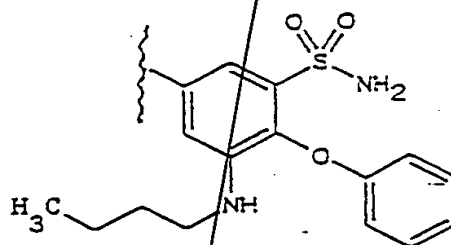
(V Ac4)

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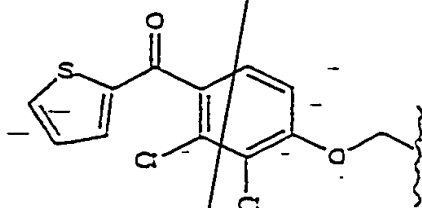


(V Ac5)

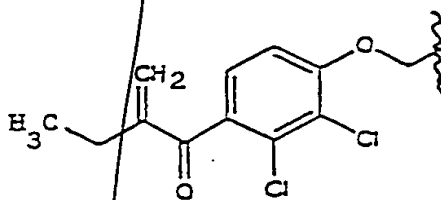
- V Ad) derivatives of diuretics when t = 1 and R is as follows:



(V Ad1)

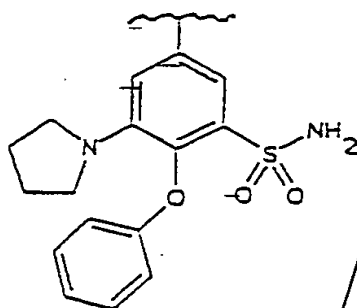


(V Ad2)



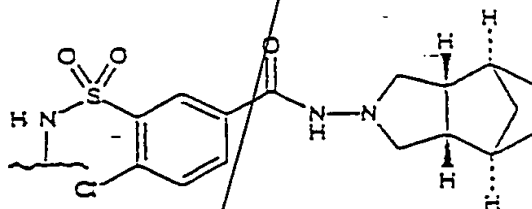
(V Ad3)

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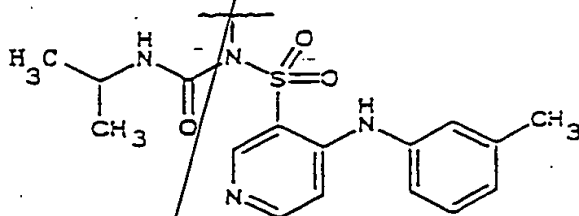


(V Ad4)

- V Ae) derivatives of diuretics when  $t = 0$  and R is as follows:

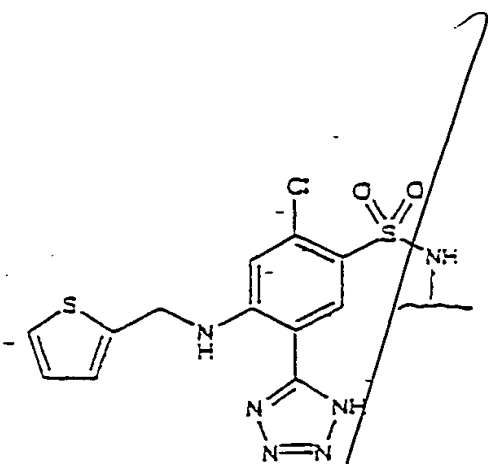


( $\forall$  Ael)

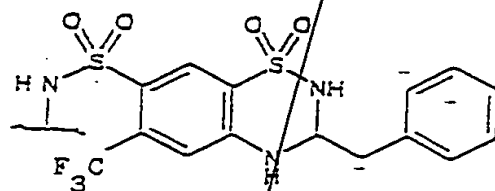


(V. Ae2)

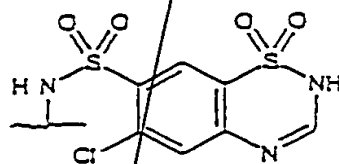
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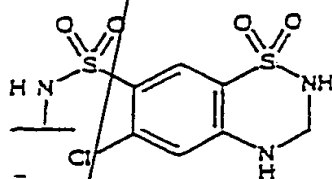
(V Ae3)



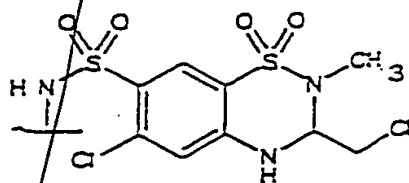
(V Ae4)



(V Ae5)

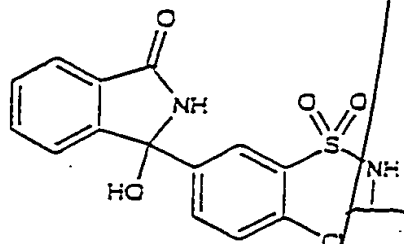


(V Ae6)

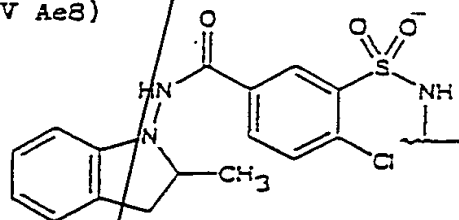


(V Ae7)

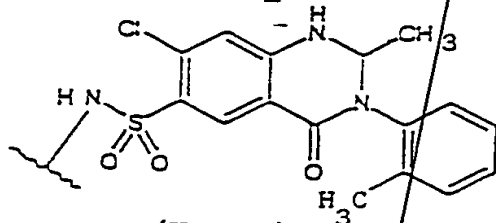
*Sal  
D<sup>1</sup>  
cont*



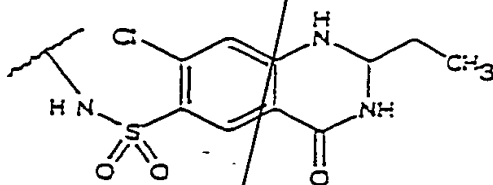
(V Ae8)



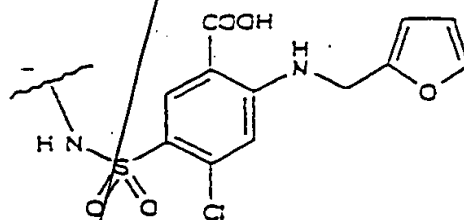
(V Ae9)



(V Ae10)



(V Ae11)



(V Ae12)

*John  
10/1  
cont*

where the meaning in group V A) is as follows:

- in compounds (V Aa1) the residue of enfenamic acid, 2-[(2-phenylethyl)amino]benzoic acid, has been shown;
- in compounds (V Aa2) the residue of flufenamic acid, 2-[[3-(trifluoromethyl)phenyl]-amino]benzoic acid, has been shown;
- in compounds (V Aa3) the residue of meclofenamic acid, 2-[(2,6-dichloro-3-methylphenyl)amino]benzoic acid, has been shown;
- in compounds (V Aa4) the residue of mefanamic acid, 2-[(2,3-dimethylphenyl)amino]benzoic acid, has been shown;
- in compounds (V Aa5) the residue of tolfenamic acid, 2-[(3-chloro-2-methylphenyl)amino]benzoic acid, has been shown;
- in compounds (V Ab1) the residue of niflumic acid, 2-[[3-(trifluoromethyl)phenyl]amino]-3-pyridine carboxylic acid, has been shown;
- in compounds (V Ac1)<sub>Rvac1</sub> attached to the oxygen atom in position 2 of the benzene ring of N-(4-nitrophenyl)methansulphonamide can be phenyl or cyclohexane. When R<sub>vac1</sub> is phenyl the residue is that of nimesulide;
- in compounds (V Ac2) the residue of 3-formylamino-7-

*Sub  
101  
cont*

methylsulfonylamino-6-phenoxy-4H-1-benzopyran-4-one has been shown;

- in compounds (V Ac3) the atom  $X_2$  that links the radical 2,4-difluorothiophenyl to position 6 of the indanone ring of the residue 5-methanesulfonamido-1-indanone can be sulfur or oxygen;

- in compounds (V Ac4) the residue of celecoxib 4-[5-(4-methylphenyl)-3-(trifluoromethyl)pyrazol-1-yl] benzenesulphonamide, has been shown;

- in compounds (V Ac5) the residue of 6-[2-(3-ethyl-2,3-dihydro-thiazolyl)thio-5-methanesulphonamido-3H-isobenzofuran-1-one has been shown.

- in compounds (V Ad1) the residue of bumetanide 3-(Aminosulfonyl)-5-(butylamino)-4-phenoxybenzoic acid has been shown;

- in compounds (V Ad2) the residue of ticrynafen [2,3-Dichloro-4-(2-thienylcarbonyl)-phenoxy]acetic acid has been shown;

- in compounds (V Ad3) the residue of ethacrynic acid [2,3-Dichloro-4-(2-methylene-1-oxobutyl)phenoxy]acetic acid, has been shown;

- in compounds (V Ad4) the residue of piretanide 3-(Aminosulfonyl)-4-phenoxy-5-(1-pyrrolidinyl)benzoic

acid has been shown.

- in compounds (V Ae1) the residue of tripamide (3 $\alpha$ , 4 $\alpha$ , - 7 $\alpha$ , 7 $\alpha$ ) -3-(Aminosulphonyl)-4-chloro-N-(octahydro-4,7-metano-2H-isoindol-2-yl)benzamide has been shown.
- in compounds (V Ae2) the residue of torsemide N-[[[(1-Methylethyl)amino]carbonyl]4-[(3-methylphenyl)amino]-3-pyridinesulfonamide has been shown;
- in compounds (V Ae3) the residue of azosemide 2-Chloro-5-(1H-tetrazol-5-yl)-4-[(2-thienylmethyl)amino]benzenesulphonamide has been shown;
- in compounds (V Ae4) the residue of bendroflumethiazide 3,4-Dihydro-3-(phenyl-methyl)-6-(trifluoromethyl)-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide has been shown;
- in compounds (V Ae5) the residue of chlorothiazide 6-Chloro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide has been shown;
- in compounds (V Ae6) the residue of hydrochlorothiazide 6-Chloro-3,4-dihydro-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide has been shown;
- in compounds (V Ae7) the residue of methylclothiazide (6-Chloro-3-(chloromethyl)-3,4-dihydro-2-methyl-2H-1,2,4-benzothiadiazine-7-sulfonamide 1,1-dioxide has



*Sub  
D1  
cont*

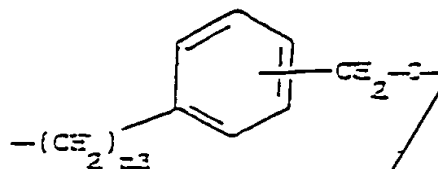
been shown;

- in compounds (V Ae8) the residue of chlorthalidone 2-Chloro-5-(2,3-dihydro-1-hydroxy-3-oxo-1H-isoindol-1-yl)benzensulfonamide has been shown;
- in compounds (V Ae9) the residue of Indapamide 3-(Aminosulfonyl)-4-chloro-N-(2,3-dihydro-2-methyl-1H-indol-1-yl)benzamide has been shown;
- in compounds (VAe10) the residue of metolazone 7-Chloro-1,2,3,4-tetrahydro-2-methyl-3-(2-methylphenyl)-4-oxo-6-quinazolinesulfonamide has been shown;
- in compounds (V Ae11) the residue of quinetazone 7-Chloro-2-ethyl-1,2,3,4-tetrahydro-4-oxo-6-quinazoline-sulfonamide has been shown;
- in compounds (V Ae12) the residue of furosemide 5-(Aminosulfonyl)-4-chloro-2-[(2-furanylmethyl)amino]benzoic acid has been shown.

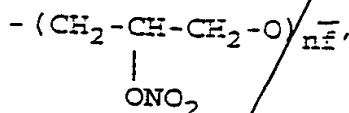
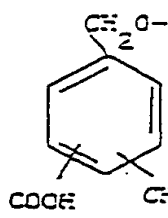
$X_1$  in formula A- $X_1$ -NO<sub>2</sub> is a bivalent connecting bridge chosen from the following:

- YO -

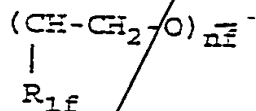
where Y is a linear or whenever possible branched C<sub>1</sub>-C<sub>20</sub> alkylene, preferably having from 2 to 5 carbon atoms, or an optionally substituted cycloalkylene having from 5 to 7 carbon atoms;



where  $n_3$  is an integer from 0 to 3;



where  $n_4'$  is an integer from 1 to 6, preferably from 2 to 4;



where  $R_{1f} = H, CH_3$  and  $n_4''$  is an integer from 1 to 6, preferably from 2 to 4.

*a* 2. ~~Use of the compounds~~ *The method* according to Claim 1, in which R is chosen from groups IV A) and V A).

3. Compounds or their compositions for use as medicaments from group V A) in Claim 1.

4. Compounds from group V A) according to Claim 1.

*Sub D2* 5. Compounds or their compositions for use as medicaments

*Sub  
P2  
cont*

from group V A) according to Claim 3 for the treatment of musculoskeletal disease of an inflammatory nature, respiratory disease of an inflammatory nature, gynaecological and obstetrical disease including early delivery, pre-eclampsia and dysmenorrhoea, cardiovascular disease including re-stenosis, gastrointestinal tumours.

6. Use of the following compounds, or their compositions, for the preparation of medicaments for the following therapeutical applications:

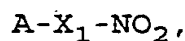
treatment of respiratory disease: bronchitis, in particular asthma: groups from I A) to V A) in Claim 1;

gynaecological and obstetrical disease including early delivery, pre-eclampsia and dysmenorrhoea: groups from I A) to V A) in Claim 1 and group VI A) as defined below;

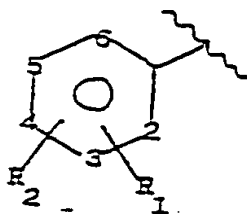
vascular disease including re-stenosis: groups from I A) to V A) in Claim 1 and group VI A);

gastrointestinal tumours: groups from I A) to V A) in Claim 1 and group VI A);

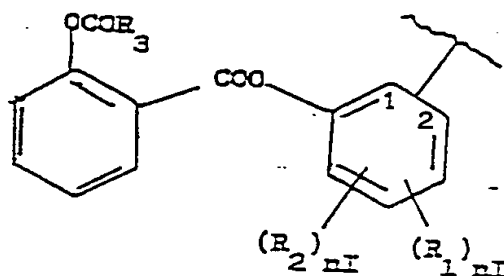
the compounds in group VI A) have the general formula



of Claim 1, where  $t = 1$ , include the following:



(Ia)



(Ib)

where:

$R_1$  is group  $OCOR_3$ ; where  $R_3$  is methyl, ethyl or a linear or branched  $C_3-C_5$  alkyl, or the residue of a single-ring heterocycle having 5 or 6 atoms which can be aromatic, partially or totally hydrogenated, containing one or more heteroatoms independently chosen from O, N and S;  $R_2$  is hydrogen, hydroxy, halogen, a linear or whenever possible branched alkyl having from 1 to 4 C atoms, a linear or whenever possible branched alcoxyl having from 1 to 4 C atoms; a linear or whenever possible branched perfluoroalkyl having from 1 to 4 C atoms, for example trifluoromethyl, nitro, amino, mono- or

$\text{di}(\text{C}_{1-4})$ alkylamino;  
 $\text{R}_1$  and  $\text{R}_2$  jointly are the dioxymethylene group, with the proviso that when  $\text{X} = \text{NH}$ , then  $\text{X}_1$  is ethylene and  $\text{R}_2 = \text{H}$ ;  $\text{R}_1$  cannot be  $\text{OCOR}_3$  at position 2 when  $\text{R}_3$  is methyl;  $n\text{I}$  being an integer from 0 to 1; preferably in Ia),  $\text{X}$  is equal to O or NH,  $\text{R}_1$  is acetoxy, preferably at position 3 or 4, most preferably in the ortho position to CO.  $\text{X}_1$  is ethylene or  $(\text{CH}_2\text{CH}_2\text{O})_2$ ,  $\text{R}_2$  is Hydrogen or halogen, most preferred are the following A  $\text{X}_1$   $\text{NO}_2$  compounds: 3-acetoxy-N-(2-nitroxyethyl)-benzamide, 4-acetoxy-N-(2-nitroxyethyl)-benzamide, 3-acetoxy-N-(5-nitroxypenthyl)-benzamide, 2-acetoxy-N-(5-nitroxypenthyl)-benzamide, N-2-(nitroxyethyl)-2-propionoxybenzamide, 2-acetoxy-2-nitroxyethylbenzoate, 2-acetoxy-N-(cis-2-nitroxcyclohexyl)-benzamide, 2-acetoxy-4-chloro-N-(2-nitroxyethyl)-benzamide, N-(2-nitroxyethyl)-2-((4-thiazolindinyl)carbonyloxy)-benzamide hydrochloride, 2-nicotinoyloxy-N-(2-nitroxyethyl)-benzamide, 2-acetoxy-5-nitroxypenthylbenzoate; preferably in Ib)  $\text{R}_3 = \text{CH}_3$ ,  $n\text{I} = 0$ ;  
 $\text{X}$  is equal to O,  $\text{X}_1$  is ethylene; in this case Ib) is the residue of acetylsalicylsalicylic acid.

add C<sub>1</sub>   
 add C<sub>3</sub>   
 add C<sub>4</sub>   
 91

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